SBR No. 118/16-17
DATED 15-9-16

EE/ELE/Y/BR No. 114/16-17
Dt. 19-9-16

1st & Final bill

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

No. Date:

Division: Electrical (yelahanka) Sub- Division:

Bill Received No.....Dated.....Cash Book Voucher No.....dated.....

Scheduled Docket Name of Work (as per sanctioned estimate); Modified and change of Work for Construction of Electrical timer cables andpower saving arrangements with all accessories in Ward No3

Contractor and Full Address:M/s Ramya Electricals

Work Order No: : EE/YNK.D/E-Tend-05/W.O/168/2012-13 Dated : 30-11-2013

Revised Work order no : EE(ele)/YZ/RWO/19/2016-17 Dated -17-72016

Reference to Agreement Date .....

Job No:- 003-12-000068
P CODE - 2434

Certified that the measurements were taken by me on 15/9/16 and recorded of pages 30724 to 731 of Measurement Book No 3108/16-17 and that the work is satisfactorily executed.

For Ramya Eletricals
Contractor

Y.N. Baddy jely
Officer in charge of work

Proprietor

Certified that the measurements were taken by me on 15/9/16 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in columns 3 of Account II have been actually brought to Site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in the connection with item for finished work have been agreed upon. And normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer (Ele)
Sub-division Officer
DBMP, Bangalore

II Memorandum of Payment

26) Total value of work done or supplies as per account within	Bill =	19.96.083=00
27) Deduct amount to be held in reserve being .....percent Rs.....	IT 1%	19.961=00
28) " Balance	VAT 4%	79.843=00
29) Deduct payment :	~~SB 5%~~	99804=00
k) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... Amount adjusted towards cash advance recovery of	LWC 1%	19.961=00
l) Payments cost store or other material supplied. Now made recovery amount creditable to this/ other work	CBFD 1%	1997=00
	deductions	2.21.566=00
Amount paid on this bill cheque/cash	cheque	17.74.517=00
30) Balance being unpaid value of work done held in reserve		
6) Deduct cash advance made on the Office Cash Book Voucher No..... dated.....less adjustments		
7) Net amount due to or from contractor		
Unadjusted items		
8) Advance to contractor for materials brought to site (as detailed) within Value of Government materials supplied		

For Ramya Eletricals
Contractors Signature

Received Rs.....(in words)

.....

by cash and adjustment of payment as per memorandum.

Witnesses For Ramya Eletricals
1.
2.

Dated ..... Signature of contractor
Proprietor

Paid by me by cheque No.....Dated .....

Cash Rs.....Dated.....

ಕೆಳಹೀಗಿನಂತೆ p.2434. Development works Proprietor

ರೂ: 1996083=00 ಅಡಿಯ ಮೊತ್ತ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: 17.74.517=00 ಚೆಕ್ ನೀಡಬಹುದಾಗಿದೆ

ರೂ: 2.21.566=00 ಹೊಂದಾಣಿಕೆ ಮಾಡಿದೆ

(For use in the office)

Stamp

ಲೆಕ್ಕ ಅಧೀಕ್ಷಕರು ಕಾ.ಪಾ.ಅ.(ವಿ) ಯಲಹಂಕ ವಲಯ

Sl. No	Description of Item	Unit
	Name of Work:- Modified and change of Work for Construction of Electrical timer cables and power saving arrangements with all accessories in Ward No 3	
1	Supplying High pressure sodium vapour street light fitting die cast aluminium canopy with aluminium housing for control gear, finished stove enamel gray glassy white canopy interior with a pair of anodized aluminium reflectors with toughened flat glass, gasket lining for drip insect resistance duly wired with porcelain holder copper choke, igniter and HPF condenser including a sodium vapour lamp. II 250 Wattsa) Group 'A'	Each
2	Supplying & fixing mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 or rail or RCC pole/wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires complete. b) Using 32mm dia G.I pipe	Each
3	Supply and fixing of ..... cross arm including all Hardwares compete as per the standard technical specification. b) 2 Pin 45x45x5mm-510mm	Each
4	Supplying and Fixing..... including all Hardwares etc complete as per the Standard technical Specification. a) 1.1 KV Pin insulator	per mtr
	No.8 Strain Insulator	per Mts
5	(Supplying and stringing of ACSR Conductor (6/2.59mm Al+1/2.59mm steel)	Mtr
6	Supplying and fixing ..... including all Hardwares etc complete as per the standard technical specification e) RCC Clamp	Each
7	Fabricating supplying and mounting MS box made out... SWG suitable for floor/wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer pain and finally finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete b) 16 SWG	sqcm
8	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete d) 100 Amps	Each
9	Supplying and fixing electro mechanical timer (without contactor) using necessary bolts, nuts and washers etc., Group 'A' PWD SR 2007-08	Each
10	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' type curve, indicator ON/OFF, energy cross-3 with short circuit breaking capacity of 10K and Complete wiring as required. a) 5-32 Amps SP 1) Group 'A'.	Each
11	Supply and fixing of 4 pole power contactor with NO/NC contacts on existing wood/panel board using necessary bolts, nuts, washers and wiring etc., complete with AC-3 Rating and as per IS-13947. d) 100-125 Amps	Each
12	Supplying and fixing angle iron frame work fabricated out of M.S angle iron... and M.S. flat... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint. . (32.9a) a) 40x40x6mm	Rmtr

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty	Cost	Qty	Rate	Amount	Qty	Cost	
		50	6150.00	307500.00	50	307500.00	
		50	685.00	34250.00	50	34250.00	
		4	123.00	492.00	4	492.00	
		8	70.00	560.00	8	560.00	
		2	24.00	48.00	2	48.00	
		150	19.80	2970.00	150	2970.00	
		4	61.00	244.00	4	244.00	
		83485	0.33	27550.05	83485	27550.05	
		18	415.00	7470.00	18	7470.00	
		6	4200.00	25200.00	6	25200.00	
		6	195.00	1170.00	6	1170.00	
		18	7450.00	134100.00	18	134100.00	
		60	240.00	14400.00	60	14400.00	

13	Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanized, steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV ClassI. Class 'A' PVC Cable d) 4 core 16sqmm	per mtr
14	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe/ stoneware pipe/ on wall/ on pole as required.II. On wall /Structure a) 6 sqmm to 16sqmm	Rmtr
15	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes f) 16 sqmm	Each
16	Supplying and fixing Moulded Case Circuit Breaker (MCCB) Over the existing wood/panel board using necessary screws, bolts, nuts and wiring thermal Magnetic Microprocessed release and Earth Fault as per IS-13947. (Icu=Ics) THREE POLE	Each
17	Supplying…….amps rated 3 phase with neutral bus bar using requirement capacity electrolytic aluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/DMC insulator which are mounted on powder coated 40x6 mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.a) 100Amps 4x30x6mm Alluminium Strips	Rmtr
18	Supply and erection of ……..mtr RCC pole including earth work etc., complete as per the standard technical specification. b) 9 Mtr 145Kg WL	Each
19	Supplying 70/125 Watts MH integral post top lantern Metal halide fitting suitable for pole mounted with fully vermin, weather proof, elegant in shpae, appearance, UV stabilized clear acrylic diffusers, camouflaged horizontal lamp, IP 54 protection. Electrical safety class 1. The fitting shall have ferromagnetic copper choke with capacitor, igniter and fully wired to operate on 230 V 50Hz AC supply with 70 /125 Watts MH Lamp..a) Group 'A'	Each
20	LT 3 phase 5 wire Aerial Bunched Cable of size 3X25+1X16+1X25+1X35 sqmm (Standard Stock materials 2010-11)	P/M
	LT 1 phase 3 wire Aerial Bunched Cable of size 1X25+1X16+1X25 sqmm	P/M
21	Striniging of 1.1 KV grade aerial bunched 3 core cable of XLPE insulation standard aluminium conductor standard around a weather resistant black XLPE insulated AAA messanger wire (3X 25 Sq mm + 1X 16 sqmm + 1X 25Sqmm + 1X 35 sqmm)	P/M
22	Piercing connector suitable 16 Sqmm - 95 Sqmm AB cable service connections (Standard Stock materials 2010-11)	No
23	Dead End Clamp/ Anchor clamps assembly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	No
24	suspension clamp assemblly 25 to 95 sqmm bear messanger (Standard Stock materials 2010-11)	No
25	Errection of suspension clamp 25 to 95 sqmm bear messanger (Labour charges)	No
26	Errection of Anchor clamp 25 to 95 sqmm bear messanger (Labour charges 2010-11)	No
27	Istallation of insulation piercing connector for main to street light Main: 16 -95 sqmm,Tap: 1.5-10 sqmm (EP 95)	No
28	Digging of pits 1.5 mtr depth for errection of of 7.5/8 mtr Long steel/RCC/PSC/PCC supports Hard soil	Per
29	Concrete Works Providing cement concrete to poles and guysets with material and labour including necessary curing etc., comlpete (cost does not include excavation) c) Providing coping for pole with CC1:2:4 (as per actuals)	Ea

		212	150.00	31800.00	212	31800.00	
		212	18.00	3816.00	212	3816.00	
		72	14.00	1008.00	72	1008.00	
		12	3460.00	41520.00	12	41520.00	
		6	1600.00	9600.00	6	9600.00	
		0	6583.00	0.00	0	0.00	
		0	5230.00	0.00	0	0.00	
		10487	81.45	854166.15	10487	854166.15	
		0	40.10	0.00	0	0.00	
		10487	8.96	93974.01	10487	93974.01	
		650	210.00	136500.00	650	136500.00	
		20	140.00	2800.00	20	2800.00	
		325	280.00	91000.00	325	91000.00	
		325	85.00	27625.00	325	27625.00	
		20	85.00	1700.00	20	1700.00	
		650	40.00	26000.00	650	26000.00	
		0	529.00	0.00	0	0.00	
		0	200.00	0.00	0	0.00	

30	Errection of Poles : Releasing and Re-Errection of Steel supports 9.0 to 10.00 mtr long such as 22.68 kg (50 lbs) Rail, I beam of sizes 200 X 100 mm, 175X 90 mm , 125 X 100 mm, Fabricated poles, tubular poles in pits of 1.8 mtr Depth, aligning, refilling with soil For Errection =Rs 154.00 releasing of materials shall be 90 % of the cost of ereection as per bescom circular BES/GM/(T)/BC-20/F-664/05-06/CYS 174 Dt:10.01.06. Therefore Releasing and Re-Errection = Rs 154.00+ 0.9X154.00=292.60	Nos
31	Street Light and other Works Releasing and Fixing of mercury Vapour lamp fitting /Ornamental light fitting with Control Boxes etc. For Fixing =Rs 224.00 releasing of materials shall be 90 % of the cost of ereection as per bescom circular BES/GM/(T)/BC-20/F-664/05-06/CYS 174 Dt:10.01.06. Therefore Releasing and Fixing = Rs 224.00+ 0.9X224.00=292.60	Set
32	Hire Charges Components for Tractor 50 HP ,Sl no 20, Page No XXXIV, KPWD SR CIVIL 2010-11. Per Day Rs 2240.00	Day
33	Universal Hook & Bolts and Nuts(Standard Stock materials 2010-11) Bescom SR 2010-11 Page no-9 Item No-285	Nos
34	Fixing of Universal hook (Labour charges 2010-11) Bescom SR 2010-11 Page no-13 Item No-259	Nos
	Total Rs	

Certificate: 1. The Above said Work has been carreidout satisfactorily

2. Amount claimed in this bill has not been claimed any of the previous bill

K.N. Baddy
Techs

Assistant Executive Engineer (Ele)
BBMP, Bangalore

		0	292.60	0.00	0	0.00	
		0	425.60	0.00	0	0.00	
		0	2240.00	0.00	0	0.00	
		325	280.00	91000.00	325	91000.00	
		325	85.00	27625.00	325	27625.00	
				1996088.21		1996088.21	

19.96.082.72.

19.96.082.72.